



**LUMINESCENT SCREEN MADE FROM LUMINESCENT NITRIDE**

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A luminescent screen provided with a luminescent oxynitride according to the formula  $\text{Si6-xAlxOxN8-x:Ay}$ , in which A represents at least one activator from the group Cu, Ag, Zr, Mn, In, Bi and the lanthanides. Up to 75 mol.% of the Al can be replaced by B and/or Ga, whereas  $y \leq x \leq 4.5$  and  $0.01 \leq y \leq 1.5$ .

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